Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 11 Mar 2021 until 23:59 on Friday 12 Mar 2021

Forecast Issued on Thursday 11 Mar 2021 at 00:57

Confidence: High for continuation of unsettled conditions with showers or longer periods of rain and summit snow. Moderate chance of drier, more settled conditions developing early next week.

Headline for Thursday 11 Mar 2021: Very windy, with rain clearing to blustery showers.

Mountain weather hazards on Thursday 11 Mar 2021

Blizzards
Low Likelihood

Heavy Snow
Low Likelihood

Storm force winds
Low Likelihood

Gales
High Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Cloudy	Sunny intervals	Heavy snow showers	Heavy snow showers	Partly cloudy (night)
Precipitation probability					
80%	40%	40%	60%	60%	40%

Forecast for Thursday 11 Mar 2021

Weather: Heavy rain and gales, severe on the summits, will clear eastwards during the early morning. Remaining rather windy thereafter, with sunny spells and scattered blustery showers. These will turn increasingly heavy in the afternoon, bringing a small risk of hail and thunder, with the snow level lowering to around 500m from late morning. Clear spells and showers continuing through the evening, but becoming less frequent.

Chance of cloud free mountain/hill tops above 600m: 60% at first, increasing to 80% by mid-morning.

Visibility: Generally good, becoming moderate or poor in rain/showers, and very poor in snow showers, with cloud occasionally lowering to 500-700m in association with heavier showers.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Thursday 11 Mar 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	35/46 W	34/49 W	30/44 W	30/43 W	25/38 W	28/41 W	29/43 W
300	23/48 W	22/45 W	20/41 W	20/39 W	17/35 W	18/39 W	19/40 W
Valley	20/44 NW	20/41 W	21/42 W	18/37 W	14/31 W	17/37 W	18/38 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-3	1/-7	1/-6	1/-6	0/-7	-0/-8	-0/-8
300	6/0	4/-2	4/-1	4/-1	2/-3	2/-4	2/-4
Valley	6/2	5/0	6/1	6/1	4/-0	4/-1	4/-1
Freezing Level*	1000m	700m	600m	700m	600m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of 60-70mph possible, easing through the afternoon. Strong winds will lead to significant wind chill.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 11 Mar 2021	23.2mm	33.2mm	38mm

Forecast for Friday 12 Mar 2021

Weather: Sunshine and scattered showers, heavy at times, with snow above 400-500m. A band of rain and summit snow will spread in from the west towards midnight.

Maximum wind: Westerly 25-30mph with gusts of 40-50mph across most exposed ridges and summits, easing through the late afternoon and evening.

Chance of cloud free mountain/hill tops above 600m: 40% at first, increasing to 80% by midday.

Visibility: Generally good, becoming moderate or poor in rain/showers, and very poor in snow showers, with cloud occasionally lowering to 400-600m in association with heavier showers, particularly during the early morning.

Temperature: **Valleys:** Plus 2 Celsius increasing 7 Celsius during the afternoon
At 600m: Zero to minus 2 Celsius
Freezing level: 500-600m

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